Abstract

Wind power installation technology has seen dramatic developments in the last 20 years. In the meantime there are installations of the order of magnitude of up to 5 MW and future development leads to an expectation of installations with an even greater nominal power. The present application does not preferably concern such megawatt installations but rather small installations, in particular a small wind power installation of between about 50 and 150 kW nominal power, which can be set up practically at any location in the world as independently as possible of intensive machine support.

The object of the present invention is to simplify the erection of a wind power installation.

A wind power installation comprising a plurality of installation parts such as rotor, generator, machine casing and pylon, wherein the installation parts are disposed in a container during transport to the building site of the wind power installation and are assembled to form a wind power installation at the location of construction of the wind power installation, wherein the container is such that it accommodates the pylon of the wind power installation and forms the foundation of the wind power installation.